



US 20200107167A1

(19) **United States**(12) **Patent Application Publication**
Li(10) **Pub. No.: US 2020/0107167 A1**(43) **Pub. Date: Apr. 2, 2020**(54) **DATA COLLECTION METHOD AND NETWORK**(57) **ABSTRACT**(71) Applicant: **Weilong Li**, Chicago, IL (US)(72) Inventor: **Weilong Li**, Chicago, IL (US)(21) Appl. No.: **16/147,363**(22) Filed: **Sep. 28, 2018****Publication Classification**(51) **Int. Cl.****H04W 4/38** (2006.01)**G06K 19/07** (2006.01)**H04L 29/08** (2006.01)(52) **U.S. Cl.**CPC **H04W 4/38** (2018.02); **G06K 19/0701**
(2013.01); **H04L 67/12** (2013.01); **G06K**
19/0716 (2013.01)

This invention concerns a data collection network capable of collecting data from a group of users, said data collection network comprising a data collection apparatus associated with each of individual user of said group of users; a closed container associated with each of said data collection apparatus, said closed container containing a medium, said data collection apparatus disposed within said medium; a central server, said central server being an independent server or a plurality of decentralized servers connected through internet; a telecommunication apparatus associated with each of said data collection apparatus, said telecommunication apparatus wirelessly coupling said data collection apparatus to said central server; a database associated with each of said data collection apparatus, said database containing said data collected by said data collection apparatus, said database being administrated by said central server; and a central database, said central database being administrated by said central server.

